

C3 17. (Amended) The method of claim 16, wherein the recombinagenic oligonucleobase is a mixed duplex oligonucleotide (MDON) and each of the homologous regions contains an RNA segment of at least 6 RNA-Type nucleotides.

C4 19. (Amended) The method of claim 17, wherein the sequence of the target gene between the first and the second fragments differs from the sequence of the intervening region of the mixed duplex oligonucleotide (MDON) at a mismatched nucleotide and the mutation of the target gene is located adjacent to the mismatched nucleotide.

20. (Amended) The method of claim 17, wherein the sequence of the target gene between the first and the second fragments differs from the sequence of the mutator segment of the mixed duplex oligonucleotide (MDON) at a mismatched nucleotide and the mutation of the target gene is located at the mismatched nucleotide.